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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/693,532
				Filing Date	2003-10-23
				First Named Inventor	WALTON; J. Rodney,
				Art Unit	2647
				Examiner Name	TSEGAYE, Saba
Sheet	1	of	4	Attorney Docket No: 020573	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	001	US5832387	11-03-1998	BAE; Hee-Moon, et al.	
	002	US6163296	12-19-2000	LIER; Erik, et al.	
	003	US6862440	03-01-2005	SAMPATH; Hemanth	
	004	US6987819	01-17-2006	THOMAS; Timothy A., et al.	
	005	US7012978	03-14-2006	TALWAR; Shilpa	
	006	US7095709	08-22-2006	WALTON; Jay R., et al.	
	007	US7194237	03-20-2007	SUGAR; Gary L., et al.	
	008	US7324429	01-29-2008	WALTON; J. Rodney, et al.	
	009	US7636573	12-22-2009	WALTON; Jay R., et al.	
	010	US7653415	01-26-2010	VAN ROOYEN; Pieter	
	011	US20020072336	06-13-2002	MOTTIER; David	
	012	US20020127978	09-12-2002	KHATRI; Bhavin S.	
	013	US20040052228	03-18-2004	TELLADO; Jose, et al.	
	014	US20050227628	10-13-2005	INANOGLU; Hakan	
	015	US20080285488	11-20-2008	WALTON; J. Rodney, et al.	
	016	US20080285669	11-20-2008	WALTON; J. Rodney, et al.	
	017	US20100142636	06-10-2010	HEATH; Jr. Robert W., et al.	
	018	US20100183088	07-22-2010	INANOGLU; Hakan	
	019	US20100260060	10-14-2010	ABRAHAM; Santosh, et al.	

FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	020	CA2690247	10-11-2001	QUALCOMM INCORPORATED [US]		<input checked="" type="checkbox"/>
	021	EP1075093	02-07-2001	INTERUNIVERSITAIR MICRO-ELEKTRONICA CENTRUM VZW [BE]		<input type="checkbox"/>
	022	EP1133070	09-12-2001	MATSUSHITA ELECTRIC IND CO LTD [JP]		<input type="checkbox"/>
	023	JP9135230	05-20-1997	JISEDAI DIGITAL TELEVISION HOSO SYST KENKYUSHO:KK.		<input checked="" type="checkbox"/>
	024	RU2157592	10-10-2000	QUALCOMM INCORPORATED [US]		<input checked="" type="checkbox"/>
	025	TW419912	01-21-2001	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE.		<input checked="" type="checkbox"/>
	026	WO0169801	09-20-2001	INTERDIGITAL TECH CORP [US]		<input type="checkbox"/>
	027	WO02088656	11-07-2002	SENSOR HIGHWAY LIMITED [GB]		<input type="checkbox"/>
	028	WO9903224	01-21-1999	ERICSSON TELEFON AB L M [SE]		<input type="checkbox"/>

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	029	European Search Report - EP10173988 - Search Authority - Munich - 2011-03-15 (020154EP) .	<input type="checkbox"/>	
	030	GORE, D. A., et al.: "Selecting an optimal set of transmit antennas for a low rank matrix channel," 2000 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING. PROCEEDINGS. (ICASSP). ISTANBUL, TURKEY, JUNE	<input type="checkbox"/>	

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		5-9, 2000, NEW YORK, NY; IEEE, US, vol. 5 of 6, (2000-06-05), pages 2785-2788, XP001035763, abstract.	
	031	International Search Report - PCT/US2003/34517, International Search Authority, European Patent Office, 2004-04-27 (020573).	<input type="checkbox"/>
	032	Office Action in Canadian Application 2501634 corresponding to US Application 10/610,446, citing CA2690247 dated 2011-02-25 (030031CA) .	<input type="checkbox"/>
	033	The Authoritative Dictionary of IEEE Standards Terms, Seventh Edition, IEEE Press: New York (December 2000), Page 902.	<input type="checkbox"/>
	034	Translation of Office Action in Japanese Application 2005-501686 corresponding to US Application 10/375,162 , citing JP09135230 dated 2011-02-15 (030075JP) .	<input type="checkbox"/>
	035	WONG, Cheong. et al., "Multiuser OFDM with Adaptive Subcarrier, Bit and Power Allocation," October 1999, IEEE Journal on Selected Areas in Communications, Vol. 17, No. 10, pages 1747-1758.	<input type="checkbox"/>

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